

AMENDMENTS TO THE CLAIMS:

Please amend claims 3, 8, 10, 13 – 15, 18, 23, 25, 28 – 32, 35, 40, 42 and 45 – 48, cancel claims 1, 2, 4 – 7, 9, 16, 17, 19 – 22, 24, 33, 34, 36 – 39 and 41, and add new claims 49 – 81, as set forth in the listing of claims that follows:

1. (Canceled)
2. (Canceled)
3. (Currently Amended) The method of ~~claim 2~~ claim 49, wherein if a voice input is not associated with a specific user the predetermined user specific time period and the user specific set number of the predetermined user specific time periods are set to default values.
4. (Canceled)
5. (Canceled)
6. (Canceled)
7. (Canceled)
8. (Currently Amended) The method of ~~claim 1~~ claim 49, further including the step of:
deactivating the speech recognition driven system when the voice input from the user is not recognized by the speech recognition driven system.
9. (Previously Canceled)

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10. (Currently Amended) The method of ~~claim 1~~ claim 49, further including the step of:

activating the speech recognition driven system.

11. (Original) The method of claim 10, wherein the speech recognition driven system is switch activated.

12. (Original) The method of claim 10, wherein the speech recognition driven system is voice activated.

13. (Currently amended) The method of ~~claim 2~~ claim 49, wherein the predetermined user specific time period and the user specific set number of predetermined user specific time periods are level dependent.

14. (Currently Amended) The method of ~~claim 2~~ claim 49, wherein the predetermined user specific time period and the user specific set number of predetermined user specific time periods are dialog branch dependent.

15. (Currently Amended) The method of ~~claim 1~~ claim 49, wherein the speech selectable task is performed by a motor vehicle accessory.

16. (Canceled)

17. (Canceled)

18. (Currently Amended) The system of ~~claim 17~~ claim 59, wherein if a voice input is not associated with a specific user the predetermined user specific time period and the user specific set number of the predetermined user specific time periods are set to default values.

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19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (Currently Amended) The system of ~~claim 16~~ claim 59, wherein the speech recognition code causes the processor to perform the additional step of:
deactivating the speech recognition driven system when the voice input from the user is not recognized by the speech recognition driven system.

24. (Previously Canceled)

25. (Currently Amended) The system of ~~claim 16~~ claim 59, wherein the speech recognition code causes the processor to perform the additional step of:
activating the speech recognition driven system.

26. (Original) The system of claim 25, wherein the speech recognition driven system is switch activated.

27. (Original) The system of claim 25, wherein the speech recognition driven system is voice activated.

28. (Currently Amended) The system of ~~claim 17~~ claim 59, wherein the predetermined user specific time period and the user specific set number of the predetermined user specific time periods are level dependent.

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29. (Currently Amended) The system of ~~claim 17~~ claim 59, wherein the predetermined user specific time period and the user specific set number of predetermined user specific time periods are dialog branch dependent.

30. (Currently Amended) The system of ~~claim 16~~ claim 59, wherein the audio input device is a microphone.

31. (Currently Amended) The system of ~~claim 16~~ claim 59, wherein the audio output device is a speaker.

32. (Currently Amended) The system of ~~claim 16~~ claim 59, wherein the speech selectable task is performed by a motor vehicle accessory

33. (Canceled)

34. (Canceled)

35. (Currently Amended) The system of ~~claim 34~~ claim 71, wherein if a voice input is not associated with a specific user the predetermined user specific time period and the user specific set number of the predetermined user specific time periods are set to default values.

36. (Canceled)

37. (Canceled)

38. (Canceled)

39. (Canceled)

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40. (Currently Amended) The system of ~~claim 33~~ claim 71, wherein the speech recognition code causes the processor to perform the additional step of:

deactivating the speech recognition driven system when the voice input from the user is not recognized by the speech recognition driven system.

41. (Previously Canceled)

42. (Currently Amended) The system of ~~claim 33~~ claim 71, wherein the speech recognition code causes the processor to perform the additional step of:
activating the speech recognition driven system.

43. (Original) The system of claim 42, wherein the speech recognition driven system is switch activated.

44. (Original) The system of claim 42, wherein the speech recognition driven system is voice activated.

45. (Currently Amended) The system of ~~claim 34~~ claim 71, wherein the predetermined user specific time period and the user specific set number of the predetermined user specific time periods are level dependent.

46. (Currently Amended) The system of ~~claim 34~~ claim 71, wherein the predetermined user specific time period and the user specific set number of predetermined user specific time periods are dialog branch dependent.

47. (Currently Amended) The system of ~~claim 33~~ claim 71, wherein the audio input device is a microphone.

48. (Currently Amended) The system of ~~claim 33~~ claim 71, wherein the audio output device is a speaker.

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49. (New) A method for providing user specific adaptive voice feedback in a multi-level speech recognition driven system, comprising the steps of:

detecting whether a user of the speech recognition driven system has provided a voice input;

determining whether a voice input is associated with a specific user that is recognized by the speech recognition driven system;

providing adaptive voice feedback to the user when the user has not provided a voice input for a predetermined user specific time period, wherein the adaptive voice feedback is level dependent and provides available commands for a current level;

determining whether the voice input provided by the user is recognized by the speech recognition driven system;

performing a speech selectable task when the voice input provided by the user corresponds to a speech selectable task that is recognized by the speech recognition driven system;

tracking the number of times in which the user has failed to respond for the predetermined user specific time period at a given level; and

deactivating the speech recognition driven system when the user has failed to respond for a user specific set number of the predetermined user specific time periods at the given level,

wherein the speech recognition system utilizes voice recognition technology in determining whether a voice input is associated with a specific user, and

wherein the predetermined user specific time period and the user specific set number of the predetermined user specific time periods are adjusted by the speech recognition driven system as the ability of a specific user changes, and

wherein a neural network is utilized to adjust the predetermined user specific time period and the user specific set number of the predetermined user specific time periods when the ability of a specific user changes.

50. (New) A method for providing user specific adaptive voice feedback in a multi-level speech recognition driven system, comprising the steps of:

detecting whether a user of the speech recognition driven system has provided a voice input;

determining whether a voice input is associated with a specific user that is recognized by the speech recognition driven system;

providing adaptive voice feedback to the user when the user has not provided a voice input for a predetermined user specific time period, wherein the adaptive voice feedback is level dependent and provides available commands for a current level;

determining whether the voice input provided by the user is recognized by the speech recognition driven system;

performing a speech selectable task when the voice input provided by the user corresponds to a speech selectable task that is recognized by the speech recognition driven system;

tracking the number of times in which the user has failed to respond for the predetermined user specific time period at a given level; and

deactivating the speech recognition driven system when the user has failed to respond for a user specific set number of the predetermined user specific time periods at the given level;

wherein the speech recognition system utilizes voice recognition technology in determining whether a voice input is associated with a specific user; and

wherein the predetermined user specific time period and the user specific set number of the predetermined user specific time periods are adjusted by the speech recognition driven system as the ability of a specific user changes, and

wherein fuzzy logic is utilized to adjust the predetermined user specific time period and the user specific set number of the predetermined user specific time periods when the ability of a specific user changes.

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51. (New) The method of claim 50, wherein if a voice input is not associated with a specific user the predetermined user specific time period and the user specific set number of the predetermined user specific time periods are set to default values.

52. (New) The method of claim 50, further including the step of:
deactivating the speech recognition driven system when the voice input from the user is not recognized by the speech recognition driven system.

53. (New) The method of claim 50, further including the step of:
activating the speech recognition driven system.

54. (New) The method of claim 53, wherein the speech recognition driven system is switch activated.

55. (New) The method of claim 53, wherein the speech recognition driven system is voice activated.

56. (New) The method of claim 50, wherein the predetermined user specific time period and the user specific set number of predetermined user specific time periods are level dependent.

57. (New) The method of claim 50, wherein the predetermined user specific time period and the user specific set number of predetermined user specific time periods are dialog branch dependent.

58. (New) The method of claim 50, wherein the speech selectable task is performed by a motor vehicle accessory.

59. (New) A multi-level speech recognition driven system for providing user specific adaptive voice feedback, comprising:

a memory subsystem for storing information;

a processor coupled to the memory subsystem;

an audio input device coupled to the processor, the input device receiving a voice input from a user;

an audio output device coupled to the processor, the output device providing adaptive voice feedback to the user; and

speech recognition code for causing the processor to perform the steps of:

detecting whether a user of the speech recognition driven system has provided a voice input;

determining whether a voice input is associated with a specific user that is recognized by the speech recognition driven system;

providing adaptive voice feedback to the user when the user has not provided a voice input for a predetermined user specific time period, wherein the adaptive voice feedback is level dependent and provides available commands for a current level;

determining whether the voice input provided by the user is recognized by the speech recognition driven system; and

performing a speech selectable task when the voice input provided by the user corresponds to a speech selectable task that is recognized by the speech recognition driven system,

wherein the speech recognition code causes the processor to perform the additional steps of:

tracking the number of times in which the user has failed to respond for the predetermined user specific time period at a given level; and

deactivating the speech recognition driven system when the user has failed to respond for a user specific set number of the predetermined user specific time periods at the given level,

wherein the speech recognition system utilizes voice recognition technology in determining whether a voice input is associated with a specific user, and

wherein the predetermined user specific time period and the user specific set number of the predetermined user specific time periods are adjusted by the speech recognition driven system as the ability of a specific user changes, and

wherein a neural network is utilized to adjust the predetermined user specific time period and the user specific set number of the predetermined user specific time periods when the ability of a specific user changes.

60. (New) A multi-level speech recognition driven system for providing user specific adaptive voice feedback, comprising:

a memory subsystem for storing information;

a processor coupled to the memory subsystem;

an audio input device coupled to the processor, the input device receiving a voice input from a user;

an audio output device coupled to the processor, the output device providing adaptive voice feedback to the user; and

speech recognition code for causing the processor to perform the steps of:

detecting whether a user of the speech recognition driven system has provided a voice input;

determining whether a voice input is associated with a specific user that is recognized by the speech recognition driven system;

providing adaptive voice feedback to the user when the user has not provided a voice input for a predetermined user specific time period, wherein the adaptive voice feedback is level dependent and provides available commands for a current level;

determining whether the voice input provided by the user is recognized by the speech recognition driven system; and

performing a speech selectable task when the voice input provided by the user corresponds to a speech selectable task that is recognized by the speech recognition driven system,

wherein the speech recognition code causes the processor to perform the additional steps of:

tracking the number of times in which the user has failed to respond for the predetermined user specific time period at a given level; and

deactivating the speech recognition driven system when the user has failed to respond for a user specific set number of the predetermined user specific time periods at the given level,

wherein the speech recognition system utilizes voice recognition technology in determining whether a voice input is associated with a specific user, and

wherein the predetermined user specific time period and the user specific set number of the predetermined user specific time periods are adjusted by the speech recognition driven system as the ability of a specific user changes, and

wherein fuzzy logic is utilized to adjust the predetermined user specific time period and the user specific set number of the predetermined user specific time periods when the ability of a specific user changes.

61. (New) The system of claim 60, wherein if a voice input is not associated with a specific user the predetermined user specific time period and the user specific set number of the predetermined user specific time periods are set to default values.

62. (New) The system of claim 60, wherein the speech recognition code causes the processor to perform the additional step of:

deactivating the speech recognition driven system when the voice input from the user is not recognized by the speech recognition driven system.

63. (New) The system of claim 60, wherein the speech recognition code causes the processor to perform the additional step of:

activating the speech recognition driven system.

64. (New) The system of claim 63, wherein the speech recognition driven system is switch activated.

65. (New) The system of claim 63, wherein the speech recognition driven system is voice activated.

66. (New) The system of claim 60, wherein the predetermined user specific time period and the user specific set number of the predetermined user specific time periods are level dependent.

67. (New) The system of claim 60, wherein the predetermined user specific time period and the user specific set number of predetermined user specific time periods are dialog branch dependent.

68. (New) The system of claim 60, wherein the audio input device is a microphone.

69. (New) The system of claim 60, wherein the audio output device is a speaker.

70. (New) The system of claim 60, wherein the speech selectable task is performed by a motor vehicle accessory.

71. (New) A multi-level speech recognition driven system for controlling motor vehicle accessories that provides user specific adaptive voice feedback, comprising:

a memory subsystem for storing information;
a processor coupled to the memory subsystem;
a motor vehicle accessory coupled to the processor;
an audio input device coupled to the processor, the input device receiving
a voice input from a user;
an audio output device coupled to the processor, the output device
providing adaptive voice feedback to the user; and
speech recognition code for causing the processor to perform the steps of:
detecting whether a user of the speech recognition driven system
has provided a voice input;
determining whether a voice input is associated with a specific user
that is recognized by the speech recognition driven system;
providing adaptive voice feedback to the user when the user has
not provided a voice input for a predetermined user specific time period, wherein
the adaptive voice feedback is level dependent and provides available
commands for a current level;
determining whether the voice input provided by the user is
recognized by the speech recognition driven system; and
controlling the motor vehicle accessory according to a speech
selectable task when the voice input provided by the user corresponds to a
speech selectable task that is recognized by the speech recognition driven
system,
wherein the speech recognition code causes the processor to perform the
additional steps of:
tracking the number of times in which the user has failed to respond for
the predetermined user specific time period at a given level; and
deactivating the speech recognition driven system when the user has
failed to respond for a user specific set number of the predetermined user
specific time periods at the given level,

wherein the speech recognition system utilizes voice recognition technology in determining whether a voice input is associated with a specific user, and

wherein the predetermined user specific time period and the user specific set number of the predetermined user specific time periods are adjusted by the speech recognition driven system as the ability of a specific user changes, and

wherein a neural network is utilized to adjust the predetermined user specific time period and the user specific set number of the predetermined user specific time periods when the ability of a specific user changes.

72. (New) A multi-level speech recognition driven system for controlling motor vehicle accessories that provides user specific adaptive voice feedback, comprising:

a memory subsystem for storing information;

a processor coupled to the memory subsystem;

a motor vehicle accessory coupled to the processor;

an audio input device coupled to the processor, the input device receiving a voice input from a user;

an audio output device coupled to the processor, the output device providing adaptive voice feedback to the user; and

speech recognition code for causing the processor to perform the steps of:

detecting whether a user of the speech recognition driven system has provided a voice input;

determining whether a voice input is associated with a specific user that is recognized by the speech recognition driven system;

providing adaptive voice feedback to the user when the user has not provided a voice input for a predetermined user specific time period, wherein the adaptive voice feedback is level dependent and provides available commands for a current level;

determining whether the voice input provided by the user is recognized by the speech recognition driven system; and

controlling the motor vehicle accessory according to a speech selectable task when the voice input provided by the user corresponds to a speech selectable task that is recognized by the speech recognition driven system,

wherein the speech recognition code causes the processor to perform the additional steps of:

tracking the number of times in which the user has failed to respond for the predetermined user specific time period at a given level; and

deactivating the speech recognition driven system when the user has failed to respond for a user specific set number of the predetermined user specific time periods at the given level,

wherein the speech recognition system utilizes voice recognition technology in determining whether a voice input is associated with a specific user, and

wherein the predetermined user specific time period and the user specific set number of the predetermined user specific time periods are adjusted by the speech recognition driven system as the ability of a specific user changes, and

wherein fuzzy logic is utilized to adjust the predetermined user specific time period and the user specific set number of the predetermined user specific time periods when the ability of a specific user changes.

73. (New) The system of claim 72, wherein if a voice input is not associated with a specific user the predetermined user specific time period and the user specific set number of the predetermined user specific time periods are set to default values.

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74. (New) The system of claim 72, wherein the speech recognition code causes the processor to perform the additional step of:

deactivating the speech recognition driven system when the voice input from the user is not recognized by the speech recognition driven system.

75. (New) The system of claim 72, wherein the speech recognition code causes the processor to perform the additional step of:

activating the speech recognition driven system.

76. (New) The system of claim 75, wherein the speech recognition driven system is switch activated.

77. (New) The system of claim 75, wherein the speech recognition driven system is voice activated.

78. (New) The system of claim 72, wherein the predetermined user specific time period and the user specific set number of the predetermined user specific time periods are level dependent.

79. (New) The system of claim 72, wherein the predetermined user specific time period and the user specific set number of predetermined user specific time periods are dialog branch dependent.

80. (New) The system of claim 72, wherein the audio input device is a microphone.

81. (New) The system of claim 72, wherein the audio output device is a speaker.